



MISSION COVERAGE STATISTICS

KH-4 MISSION 1050-1

20-21 MARCH 1969

MARCH 1969

COPY 202

10 PAGES

Declass Review by NIMA / DoD

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

INTRODUCTION

This publication provides preliminary coverage data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC chart areas, coverage plots, and preliminary data for Mission 1050-1, dated 20-21 March 1969 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

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PRELIMINARY MISSION DATA

Mission Number: 1050-1

Launch Date/Time (GMT): 19 March 1969/2138Z

Photo Dates (GMT): 20-21 March 1969

Recovery Date/Time (GMT): 22 March 1969/0032Z

Operational Photo Passes: 19

Operational Altitude Limits: 96 - 110 nautical miles

Photo Scale Range: 1:293,352 - 1:342,536

Operational Ground Coverage (Fwd and Aft):

- a. Linear nautical miles 30,370
- b. Square nautical miles 4,555,500

Frames:

- a. Operational
 - Fwd-Looking 1,514
 - Aft-Looking 1,523
- b. Stellar 275
- c. Index 275

Operational Imagery Footage (Fwd and Aft): 7,522

Anomalies: See vehicle attitude

Vehicle Attitude: Erratic after pass 22D due to vehicle attitude control failure.

Image Quality:

a. Main Cameras: The quality of the imagery prior to [] is rated as fair to good and comparable to that obtained on []. The imagery after pass [] is smeared in varying degrees due to vehicle attitude problems.

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b. Index Camera: The camera functioned properly and provided normal quality imagery.

c. Stellar Cameras: The cameras were operational throughout the mission; however, after pass [] all star images are grossly smeared and many frames are completely flared and void of stellar images.

d. Cloud-Free Coverage: Approximately 70 percent of the Mission is cloud free.

TOP SECRET

GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute.

MISSION 1050-1

PASS	DATE (Z)	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
2D	20 Mar. 1969	00	31	00	32
3D (1)	20 Mar. 1969	01	59	02	01
3D (2)	20 Mar. 1969	02	02	02	02
4D	20 Mar. 1969	03	30	03	31
5D (1)	20 Mar. 1969	04	55	04	59
5D (2)	20 Mar. 1969	05	02	05	03
6D (1)	20 Mar. 1969	06	25	06	26
6D (2)	20 Mar. 1969	06	36	06	41
7D	20 Mar. 1969	07	58	07	59
8D	20 Mar. 1969	09	26	09	27
9D (1)	20 Mar. 1969	10	54	10	56
9D (2)	20 Mar. 1969	11	03	11	05
11D	20 Mar. 1969	14	03	14	04
14D	20 Mar. 1969	18	38	18	41
20D	21 Mar. 1969	03	08	03	11
21D (1)	21 Mar. 1969	04	35	04	36
21D (2)	21 Mar. 1969	04	44	04	45
22D (1)	21 Mar. 1969	06	14	06	15
22D (2)	21 Mar. 1969	06	18	06	19
23D	21 Mar. 1969	07	34	07	34
24D	21 Mar. 1969	09	06	09	08
25D (1)	21 Mar. 1969	10	32	10	33
25D (2)	21 Mar. 1969	10	34	10	36
27D	21 Mar. 1969	13	39	13	39
29D	21 Mar. 1969	16	44	16	50
30D (1)	21 Mar. 1969	18	10	18	19
30D (2)	21 Mar. 1969	18	21	18	23
30D (3)	21 Mar. 1969	18	25	18	26

TOP SECRET

EURASIA

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AFRICA

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SOUTH AMERICA

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 SOUTHEAST ASIA

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